



Missouri Department of  
Natural Resources  
Division of Environmental Quality

# **2011 Dry Cleaning Compliance Calendar**



## **LEGEND OF TERMS**

**APCP - Air Pollution Control Program**

**EIQ - Emissions Inventory Questionnaire**

**EPA - Environmental Protection Agency**

**HWP - Hazardous Waste Program**

**LQG - Large Quantity Generators**

**NESHAP - National Emission Standards for Hazardous Air Pollutants**

**Perc - Perchloroethylene**

**SQG - Small Quantity Generators**



# Missouri Department of Natural Resources

## Dry Cleaning Compliance Calendar

### Instructions for Use

This calendar may be used to keep records required by the Department of Natural Resources. The checklist covers requirements of the U.S. Environmental Protection Agency's National Emission Standards for Hazardous Air Pollutants for dry cleaners.

- \* Maintain purchase records and waste removal.
- \* Keep the complete calendars on-site for five years.
- \* If "YES" is answered to any inspection questions, document what is done to correct the problem.

### Perchloroethylene (Perc) Consumption Running Total Example for January 2011

12-month total from last month=	75	Insert 12 month running total from last month. For example: Jan. 1, 2010 through Dec. 31, 2010.
Subtract perc purchased Jan 2010=	15	Subtract perc purchased in this month last year. In this case, 15 gallons were purchased in January 2010.
Subtotal=		60
This month's perc purchases*		
Purchase Date	Gallons	This is the amount of perc purchased for the last 11 months.
January 1	10	
January 22	15	
January perc total=		25
Current 12-month running total (Subtotal + January total) =		85
		This is the amount of perc purchased for this month, January 2011.
		This is the 12-month running total. Carry this number over to next month's calendar page.

#### Dry Cleaner purchases less than 140 gallons of Perc/yr and no construction or reconstruction since before 12/9/91.

- Every other week – check machine for leaks.
- Monthly – use halogenated hydrocarbon leak detector or perc gas analyzer to perform leak checks.
- Record leak check results.

#### Dry Cleaner purchases less than 140 gallons of Perc/yr and constructed or reconstructed since 12/9/91 or purchases between 140 and 2,100 gallons Perc/yr.

- Weekly – check outlet temperature of refrigerated condenser or refrigeration pressure difference during drying phase per operating instructions.
- Weekly – check machine for leaks.
- Monthly – use halogenated hydrocarbon leak detector or perc gas analyzer to perform leak checks.
- Record leak check results.

#### Dry Cleaner purchases greater than 2,100 gallons of Perc/yr.

- Weekly – check outlet temperature of refrigerated condenser or refrigeration pressure difference during drying phase per operating instructions.
- Weekly – check machine for leaks.
- Monthly – use perc gas analyzer to perform leak checks.
- Record leak check results.



January 2011

Weekly Inspection

Are the following items leaking? Staff Initials	07-Jan-11	14-Jan-11	21-Jan-11	28-Jan-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair *
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection (S = Feel, Sight or Smell: D = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

Refrigerated Condenser Temperature

Date	Temperature
07-Jan-11	
14-Jan-11	
21-Jan-11	
28-Jan-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased January 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
January perc total =		
Current 12-month running total (Subtotal + January total) =		

\*Keep Receipts



# January 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	7 8
9	10	11	12	13	Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	14 15
16	17	18	19	20	Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	21 22
23	24	25	26	27	Advanced <input type="checkbox"/> Leak Detect Condenser <input type="checkbox"/> Temp	28 29
30	31					

**Notes:**



February 2011

Weekly Inspection

Are the following items leaking? Staff Initials	04-Feb-11	11-Feb-11	18 Feb-11	25-Feb-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection (S = Feel, Sight or Smell: D = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

Refrigerated Condenser Temperature

Date	Temperature
04-Feb-11	
11-Feb-11	
18-Feb-11	
25-Feb-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased February 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
February perc total =		
Current 12-month running total (Subtotal + February total) =		

\*Keep Receipts



## February 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	4
6	7	8	9	10	Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	11
13	HWP LQG Quarterly Summary Rpt due**	14	15	16	17	18
20	21	22	23	24	Advanced Leak Detect Condenser <input type="checkbox"/> Temp	25
27	28					

**Notes:**

\*\*If mailed, must be postmarked by the due date.



March 2011

Weekly Inspection

Are the following items leaking? Staff Initials	04-Mar-11	11-Mar-11	18-Mar-11	25-Mar-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / Miser	Y N	Y N	Y N	Y N					
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D					
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

Refrigerated Condenser Temperature

Perc Consumption Running Total

\*Keep Receipts

Date	Temperature		12-month total from last month =	
04-Mar-11			Subtract perc purchased March 2010=	
11-Mar-11			Subtotal =	
18-Mar-11			This month's perc purchases*	
25-Mar-11			Purchase Date	Gallons
If temperature is above 45° F (7.2°C), document what is done to correct the problem.				
			March perc total =	
			Current 12-month running total (Subtotal + March total) =	





## March 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	Inspection <input type="checkbox"/> 4 Condenser <input type="checkbox"/> Temp	5
6	7	8	9	10	Inspection <input type="checkbox"/> 11 Condenser <input type="checkbox"/> Temp	12
13	14	15	16	17	Inspection <input type="checkbox"/> 18 Condenser <input type="checkbox"/> Temp	19
20	21	22	23	24	Advanced <input type="checkbox"/> 25 Leak Detect Condenser <input type="checkbox"/> Temp	26
27	28	29	30	31		

**Notes:**



April 2011

## Weekly Inspection

Are the following items leaking? Staff Initials	01-Apr-11	08-Apr-11	15-Apr-11	22-Apr-11	29-Apr-11	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

## Refrigerated Condenser Temperature

Date	Temperature
01-Apr-11	
08-Apr-11	
15-Apr-11	
22-Apr-11	
29-Apr-11	

## Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased April 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	

\*Keep Receipts

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

April perc total =	
Current 12-month running total (Subtotal + April total) =	



Missouri Department of Natural Resources

April 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
April 1 - Submit paper version of APCP Emissions Inventory Questionnaire (EIQ), if required (Note: Most dry cleaners are no longer required to submit EIQ).			HWP Drycleaner Registration Form and Surcharge due APCP Int /Part 70 Compliance Rpt due		Inspection <input type="checkbox"/> 1 Condenser Temp <input type="checkbox"/>	2
3	4	5	6	7	Inspection <input type="checkbox"/> 8 Condenser Temp <input type="checkbox"/>	9
10	11	12	13	14	Inspection <input type="checkbox"/> 15 Condenser Temp <input type="checkbox"/>	16
17	18	19	20	21	Advanced Leak Detect <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	23
24	25	26	27	28	Advanced Leak Detect <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	30

Notes:



May 2011

Weekly Inspection

Are the following items leaking? Staff Initials	06-May-11	13-May-11	20-May-11	27-May-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N					
Door gasket and seal	Y N	Y N	Y N	Y N					
Pump	Y N	Y N	Y N	Y N					
Solvent tanks and containers	Y N	Y N	Y N	Y N					
Water separator	Y N	Y N	Y N	Y N					
Muck cooker	Y N	Y N	Y N	Y N					
Still	Y N	Y N	Y N	Y N					
Exhaust damper	Y N	Y N	Y N	Y N					
Diverter valve	Y N	Y N	Y N	Y N					
Filter gasket and seal	Y N	Y N	Y N	Y N					
Cartridge filter housing	Y N	Y N	Y N	Y N					
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N					
Evaporator / Miser	Y N	Y N	Y N	Y N					
Method of Inspection (S = Feel, Sight or Smell: D = Detector)	S D	S D	S D	S D					
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N					

Refrigerated Condenser Temperature

Date	Temperature
06-May-11	
13-May-11	
20-May-11	
27-May-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased May 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
May perc total =		
Current 12-month running total (Subtotal + May total) =		

\*Keep Receipts



Missouri Department of Natural Resources

May 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 ←	May 1 - Submit electronic version of APCP Emissions Inventory Questionnaire (EIQ), if required (Note: Most dry cleaners are no longer required to submit EIQ).			5	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	6
8	9	10	11	12	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	13
HWP LQG Quarterly Summary Rpt due** 15	16	17	18	19	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	20
22	23	24	25	26	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	27
29	30	31				

Notes:

\*\*If mailed, must be postmarked by the due date.



June 2011

## Weekly Inspection

Are the following items leaking? Staff Initials	03-Jun-11	10-Jun-11	17-Jun-11	24-Jun-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

## Refrigerated Condenser Temperature

## Perc Consumption Running Total

\*Keep Receipts

Date	Temperature
03-Jun-11	
10-Jun-11	
17-Jun-11	
24-Jun-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

12-month total from last month =		
Subtract perc purchased June 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
June perc total =		
Current 12-month running total (Subtotal + June total) =		



Missouri Department of Natural Resources

June 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
June 1 - Submit APCP fees payment (Note: Most dry cleaners are no longer required to submit EIQ). →			1	2	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	3 4
5	6	7	8	9	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	10 11
12	13	14	15	16	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	17 18
19	20	21	22	23	Advanced Leak Detect <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	24 25
26	27	28	29	30 All HWP generators, end of reporting year		

Notes:



July 2011

## Weekly Inspection

Are the following items leaking? Staff Initials	01-Jul-11	08-Jul-11	15-Jul-11	22-Jul-11	29-Jul-11	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

## Refrigerated Condenser Temperature

## Perc Consumption Running Total

\*Keep Receipts

Date	Temperature
01-July-11	
08-July-11	
15-July-11	
22-July-11	
29-July-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

12-month total from last month =		
Subtract perc purchased July 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
July perc total =		
Current 12-month running total (Subtotal + May total) =		





## July 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					Inspection <input type="checkbox"/> 1	2
					Condenser Temp <input type="checkbox"/>	
3	4	5	6	7	Inspection <input type="checkbox"/> 8	9
					Condenser Temp <input type="checkbox"/>	
10	11	12	13	14	Inspection <input type="checkbox"/> 15	16
					Condenser Temp <input type="checkbox"/>	
17	18	19	20	21	Inspection <input type="checkbox"/> 22	23
					Condenser Temp <input type="checkbox"/>	
24	25	26	27	28	Advanced Leak Detect <input type="checkbox"/> 29	30
					Condenser Temp <input type="checkbox"/>	
31						

**Notes:**



August 2011

## Weekly Inspection

Are the following items leaking? Staff Initials	05-Aug-11	12-Aug-11	19-Aug-11	26-Aug-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

## Refrigerated Condenser Temperature

## Perc Consumption Running Total

\*Keep Receipts

Date	Temperature
05-Aug-11	
12-Aug-11	
19-Aug-11	
26-Aug-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

12-month total from last month =		
Subtract perc purchased August 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
August perc total =		
Current 12-month running total (Subtotal + August total) =		



## August 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	Advanced Leak Detect Condenser Temp <input type="checkbox"/> 5	6
7	8	9	10	11	Inspection Condenser Temp <input type="checkbox"/> 12	13
HWP LQG Quarterly Summary Rpt due and HWP SQG Annual Summary Rpt due** 14	15	16	17	18	Inspection Condenser Temp <input type="checkbox"/> 19	20
21	22	23	24	25	Inspection Condenser Temp <input type="checkbox"/> 26	27
28	29	30	31			

**Notes:**

\*\*If mailed, must be postmarked by the due date.



September 2011

Weekly Inspection

Are the following items leaking? Staff Initials	02-Sep-11	09-Sep-11	16-Sep-11	23-Sep-11	30-Sep-11	Date Parts Ordered	Date Parts Received	Date Repaired*	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

Refrigerated Condenser Temperature

Perc Consumption Running Total

\*Keep Receipts

Date	Temperature
02-Sep-11	
09-Sep-11	
16-Sep-11	
23-Sep-11	
30-Sep-11	

12-month total from last month =		
Subtract perc purchased September 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
September perc total =		
Current 12-month running total (Subtotal + September total) =		

If temperature is above 45° F (7.2°C), document what is done to correct the problem.



## September 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	2 3
4	5	6	7	8	9 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	10
11	12	13	14	15	16 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	17
18	19	20	21	22	23 Advanced <input type="checkbox"/> Leak Detect Condenser <input type="checkbox"/> Temp	24
25	26	27	28	29	30 Advanced <input type="checkbox"/> Leak Detect Condenser <input type="checkbox"/> Temp	

**Notes:**



October 2011

Weekly Inspection

Are the following items leaking? Staff Initials	07-Oct-11	14-Oct-11	21-Oct-11	28-Oct-11		Date Parts Ordered	Date Parts Received	Date Repaired*	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection (S = Feel, Sight or Smell: D = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

Refrigerated Condenser Temperature

Date	Temperature
07-Oct-11	
14-Oct-11	
21-Oct-11	
28-Oct-11	

Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased October 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
October perc total =		
Current 12-month running total (Subtotal + October total) =		

\*Keep Receipts

If temperature is above 45° F (7.2°C), document what is done to correct the problem.



# October 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 APCP Part 70 Compliance Rpt Date →
2	3	4	5	6	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	7 8
9	10	11	12	13	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	14 15
16	17	18	19	20	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	21 22
23	24	25	26	27	Advanced Leak Detect <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	28 29
30	31					

**Notes:**



November 2011

Weekly Inspection

Are the following items leaking? Staff Initials	04-Nov-11	11-Nov-11	18-Nov-11	25-Nov-11		Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

Refrigerated Condenser Temperature

Date	Temperature
04-Nov-11	
11-Nov-11	
18-Nov-11	
25-Nov-11	

If temperature is above 45° F (7.2°C), document what is done to correct the problem.

Perc Consumption Running Total

12-month total from last month =		
Subtract perc purchased November 2010 =		
Subtotal =		
This month's perc purchases*		
Purchase Date	Gallons	
November perc total =		
Current 12-month running total (Subtotal + November total) =		

\*Keep Receipts





## November 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	4 5
6	7	8	9	10	Inspection <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	11 12
13	HWP LQG Quarterly Summary Rpt due**	14	15	16	17	18 19
20	21	22	23	24	Advanced Leak Detect <input type="checkbox"/> Condenser Temp <input type="checkbox"/>	25 26
27	28	29	30			

**Notes:**

\*\*If mailed, must be postmarked by the due date.



December 2011

## Weekly Inspection

Are the following items leaking? Staff Initials	02-Dec-11	09-Dec-11	16-Dec-11	23-Dec-11	30-Dec-11	Date Parts Ordered	Date Parts Received	Date Repaired	Description of Repair*
Hose and pipe connections, fittings, couplings and valves	Y N	Y N	Y N	Y N	Y N				
Door gasket and seal	Y N	Y N	Y N	Y N	Y N				
Pump	Y N	Y N	Y N	Y N	Y N				
Solvent tanks and containers	Y N	Y N	Y N	Y N	Y N				
Water separator	Y N	Y N	Y N	Y N	Y N				
Muck cooker	Y N	Y N	Y N	Y N	Y N				
Still	Y N	Y N	Y N	Y N	Y N				
Exhaust damper	Y N	Y N	Y N	Y N	Y N				
Diverter valve	Y N	Y N	Y N	Y N	Y N				
Filter gasket and seal	Y N	Y N	Y N	Y N	Y N				
Cartridge filter housing	Y N	Y N	Y N	Y N	Y N				
If gauges present - high/low pressure within range	Y N	Y N	Y N	Y N	Y N				
Evaporator / Miser	Y N	Y N	Y N	Y N	Y N				
Method of Inspection ( <b>S</b> = Feel, Sight or Smell: <b>D</b> = Detector)	S D	S D	S D	S D	S D				
Carbon Adsorber – Perc Less than 100 PPMV (as needed)	Y N	Y N	Y N	Y N	Y N				

## Refrigerated Condenser Temperature

## Perc Consumption Running Total

\*Keep Receipts

Date	Temperature	12-month total from last month =	
02-Dec-11		Subtract perc purchased December 2010 =	
09-Dec-11		Subtotal =	
16-Dec-11		This month's perc purchases*	
23-Dec-11		Purchase Date	Gallons
30-Dec-11			
If temperature is above 45° F (7.2°C), document what is done to correct the problem.		December perc total =	
		Current 12-month running total (Subtotal + December total) =	



## December 2011

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	2 3
4	5	6	7	8	9 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	10
11	12	13	14	15	16 Inspection <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	17
18	19	20	21	22	23 Advanced <input type="checkbox"/> Leak Detect <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	24
25	26	27	28	29	30 Advanced <input type="checkbox"/> Leak Detect <input type="checkbox"/> Condenser <input type="checkbox"/> Temp	31 HWP Registration Renewal and Fees Due**

Notes:

\*\* Must be postmarked by this date to avoid a late fee.



## Perc Cleaners Pollution Prevention Guidelines

- Close machine doors immediately after transferring articles to or from the machines.
- Keep machine doors closed between transfers.
- Follow the manufacturer's instructions for operating and maintaining machines and equipment.
- Drain cartridge filters in a closed container for at least 24 hours before disposing.
- Store all perc and wastes in sealed containers that do not leak.
- Inspect all dry cleaning equipment at least bi-weekly for any leaks that are obvious by sight, smell or touch. Leaks include instances where drops of perc are visible on the outside of a machine or where air can be felt coming from a machine. (Large area sources and major sources must be inspected weekly!) Dry cleaning equipment includes hoses, pipes, fittings, couplings, valves, gaskets, seals, pumps, solvent tanks and containers, water separators, muck cookers, stills, diverter valves and cartridge filter housings.
- Repair any leaks within 24 hours or, if repair parts must be ordered, within five days of receiving the parts. Parts must be ordered within two working days of finding the leak.
- Keep copies of design specifications and operating manuals for each dry cleaning machine.
- All new perc dry cleaners, commencing construction or reconstruction after Dec. 21, 2005, must add carbon absorbers to the non-vented, dry-to-dry machines with refrigerated condensers according to federal rules.
- For more information about requirements of the July 27, 2006 federal rule, see the *Dry Cleaners and The Clean Air Act* fact sheet – PUB2201 on the department's Web site at <http://dnr.mo.gov/pubs/pub2201.pdf>.
- For more information about the Drycleaning Environmental Response Trust Fund, known as DERT, see the following fact sheets on the department's Web site:
  - *Transactions of Properties with Active or Abandoned Dry Cleaning Facilities* – PUB2134  
<http://dnr.mo.gov/pubs/pub2134.pdf>
  - *Drycleaning Environmental Response Trust Fund Claim Kit* – PUB2135  
<http://dnr.mo.gov/pubs/pub2135.pdf>
  - *Drycleaning Environmental Response Trust Fund Frequently Asked Questions About Remediation* – PUB2136  
<http://dnr.mo.gov/pubs/pub2136.pdf>
  - *Drycleaning Environmental Response Trust Fund Frequently Asked Questions About Registration* – PUB2137  
<http://dnr.mo.gov/pubs/pub2137.pdf>
  - *Drycleaning Environmental Response Trust Fund Frequently Asked Questions* – PUB2186  
<http://dnr.mo.gov/pubs/pub2186.pdf>



**Missouri Department of Natural Resources**

**Order your 2012 Dry Cleaning Compliance Calendar!**

Fax or send this page to:

**Missouri Department of Natural Resources  
Air Pollution Control Program- Assistance Group  
P.O. Box 176  
Jefferson City, MO 65102-0176  
Phone: 800-361-4827  
Fax: 573-751-2706**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

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Comments to improve the calendar?

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